



PTO/SB/21 (04-07)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/644,762
		Filing Date	August 21, 2003
		First Named Inventor	Tong, Franklin, F.K.
		Art Unit	2874
		Examiner Name	RAHLL, Jerry T.
Total Number of Pages in This Submission	7	Attorney Docket Number	4255510008

<b>ENCLOSURES (Check all that apply)</b>			
<input type="checkbox"/> Fee Transmittal Form <div style="margin-left: 20px;"><input type="checkbox"/> Fee Attached</div> <input type="checkbox"/> Amendment/Reply <div style="margin-left: 20px;"><input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)</div> <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <div style="margin-left: 20px;"><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53</div>	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <div style="margin-left: 20px;"><input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address</div> <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <div style="margin-left: 20px;"><input type="checkbox"/> CD, Number of CD(s) _____</div> <div style="margin-left: 20px;"><input type="checkbox"/> Landscape Table on CD</div>	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
		1. Req. for Cert. of Corr.; 2. Cpy of Official Filing Receipt dtd. 02/17/04; 3. Cpy of page one of Ltrs Patent issued 05/08/07; and 4. Form PTO-1050.	
		Remarks	

*Certificate*  
NOV 03 2008

*or Correction*

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Bingham McCutchen LLP		
Signature			
Printed name	Robert C. Bertin		
Date	10/30/08	Reg. No.	41,488

### CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name		Date	

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Franklin F.K. TONG, et al.

Application No.: 10/644,762

Patent No.: 7,213,976 B2

Filed: August 21, 2003

Issued: May 8, 2007

For: SUBSTRATE ASSEMBLY FOR OPTICAL COUPLING OF LASERS AND RECEIVERS

## REQUEST FOR CERTIFICATE OF CORRECTION

Attn: Certificate of Correction Branch  
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Alexandria, Virginia 22313-1450

Sir:

The Patentee respectfully requests the issuance of a Certificate of Correction under 37 CFR § 1.322 or § 1.323 in connection with the above-identified patent. The correction is listed on the attached Form PTO-1050. An explanation follows:

On the Title Page, under Section (65) Prior Publication Data, please add the following:

### -- Related U.S. Application Data

(60) Provisional application No. 60/404,930, filed on August 22, 2002. --

The related U.S. Application Data was inadvertently omitted.

## CONCLUSION

Pursuant to 37 CFR § 1.322, Patentee respectfully requests the Commissioner to issue a Certificate of Correction for U.S. Patent 7,213,976 B2, which incorporates the above-identified correction. Form PTO-1050 showing the change is enclosed herein.

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Patent No. 7,213,976  
Patent Application No. 10/644,762  
Page 2

If the Examiner has any questions regarding this Request for Certificate of Correction, he or she is encouraged to contact the undersigned at the number listed below.

The error appears to be on the part of the Office and it is believed no fees are due. If, however, any fees are due, the Commissioner is hereby authorized to charge any such fees to Bingham McCutchen's Deposit Account No. 50-4047, referencing no. 4255510008.

Respectfully Submitted,

Dated: 10/29/08



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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,213,976

APPLICATION NO.: 10/644,762

ISSUE DATE : May 8, 2007

INVENTOR(S) : Franklin F.K. TONG; Allan HUI

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, under Section (65) Prior Publication Data, please add the following:

-- Related U.S. Application Data

(60) Provisional application No. 60/404,930, filed on August 22, 2002. --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Robert C. Bertin

Bingham McCutchen LLP, 2020 K Street, NW, Washington, DC 20006

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US007213976B2

(12) **United States Patent**  
Tong et al.

(10) Patent No.: US 7,213,976 B2  
(45) Date of Patent: May 8, 2007

(54) **SUBSTRATE ASSEMBLY FOR OPTICAL COUPLING OF LASERS AND RECEIVERS**

(75) Inventors: Franklin F. K. Tong, New Territories (HK); Allan Hui, Shatin (HK)

(73) Assignee: SAE Magnetics (Hong Kong) Limited, New Territories (HK)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 75 days.

(21) Appl. No.: 10/644,762

(22) Filed: Aug. 21, 2003

(65) **Prior Publication Data**

US 2004/0101019 A1 May 27, 2004

(51) Int. Cl.  
*G02B 6/36* (2006.01)

(52) U.S. Cl. .... 385/82; 385/64; 385/76

(58) Field of Classification Search ..... 385/55-56,  
385/58-60, 63-64, 70-72, 76-78, 82, 84,  
385/88-89, 92

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,767,141 B1 \* 7/2004 Dudek et al. .... 385/92

\* cited by examiner

Primary Examiner—Michelle Connelly-Cushwa

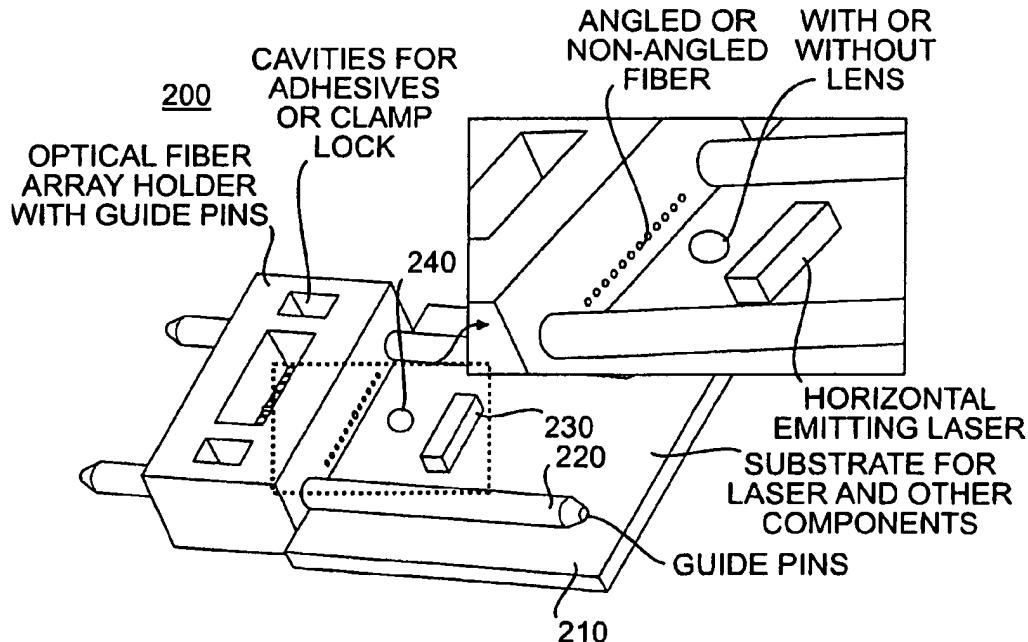
Assistant Examiner—Jerry T Rahl

(74) Attorney, Agent, or Firm—Bingham McCutchen LLP

(57) **ABSTRACT**

A connector body is provided that incorporates features for coupling between optical subassemblies. The connector body incorporates internal pin bores between opposing sides and an array of internal bores for carrying optical fibers between the opposing sides. The pin bores are adapted to receive centering pins that penetrate the connector body and facilitate connecting the connector body to a mating substrate one side and to mating optical fibers at the other side.

15 Claims, 5 Drawing Sheets



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## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE RECD	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/644,762	08/21/2003	2881	440	20229.0013	5	17	3

CONFIRMATION NO. 7289

23517  
SWIDLER BERLIN SHEREFF FRIEDMAN, LLP  
3000 K STREET, NW  
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WASHINGTON, DC 20007

UPDATED FILING RECEIPT

OC000000011909314\*



Date Mailed: 02/17/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Franklin F.K. Tong, Ma On Shan, HONG KONG;  
Allan Hui, Ma On Shan, HONG KONG;

**Domestic Priority data as claimed by applicant**

This appln claims benefit of 60/404,930 08/22/2002

**Foreign Applications**

If Required, Foreign Filing License Granted: 11/20/2003

Projected Publication Date: 05/27/2004

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\***

**Title**

Substrate assembly for optical coupling of lasers and receivers

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20229.0013-RCB  
2/14/04

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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